



**GHAZWAN AHMED  
MOHAMMED RAOUF**  
**LAB. MANAGER**

## CONTACTS

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- h** Via Della Bonta 52, Porta Romana, Viterbo, 01100, Italy
- h** Università degli Studi della Tuscia-Viterbo-Italy.

## EXPERIENCE

- 2020 - Present**  
**Lalav Hospital for Infectious Diseases and Coronavirus (COVID-19)**  
Laboratory Manager, Department of Laboratories & Real-Time PCR (SARS-CoV-2) testing.  
High skills in Real-Time PCR, Biochemical and Hormonal devices such as ( Applied Biosystems Cobas series instruments, Vidas instruments, ELISA Techniques, and Haematology analysis devices, etc).  
High skills in manual tests and analysis such as biological, biochemical, serological, virological, parasitological, hematological, microbiological, toxicological, and immunoassay/hormonal assays.
- 2018 - 2023**  
**University of Duhok**  
**Deputy Dean**, College of Pharmacy-UoD
  - Holding a regular college council concerning internal and external scientific affairs, eg. scientific promotions and offering Ph.D./ MSc programs, etc.
  - Promoting research in the College of Pharmacy and enhancing the quality of research and its dissemination;
  - Advising the college council on all matters concerning research activities and the development process.
- 2012 - Present**  
**Lecturer at College of Pharmacy University of Duhok**  
**Scientific Title, Lecturer**  
Giving Clinical Toxicology & Toxicology Lectures for 4th & 5th Stage Pharmacy College
- 2020 - 2021**  
**Specialized Central Laboratories.**  
**Team Leader** at PCR Unit, Duhok
  - High skills in operating a number of laboratory devices of various types e.g. Real-Time PCR instrument (Rotor-Gene Q) Qiagen, and (Applied Biosystems™ 7500 Real-Time PCR System instrument.
  - PCR Unit lab. Technician-Nucleic acid detection "Extraction" and Master Mix Preparation "Nucleic acid Amplification" at Central Laboratory-Duhok City.
- 2012-2020**  
**AmrLab Specialized Medical Laboratories**  
Microbiologist, Lab. Technician, Duhok
  - High skills in Biochemical and Hormonal devices such as Cobas series instrument, Vidas instrument, ELISA Techniques, and Haematology analysis devices, etc...
  - High skills in manual tests and analysis such as biological, biochemical, serological, virological, parasitological, hematological, microbiological, toxicological, and immunoassay/hormonal assays.
- 2012-2013**  
**Azadi Hospital Laboratories Department**  
Microbiologist, Duhok  
Giving Lab Courses for 5th stag Pharmacy students.

## ● 2017-2018

### **Burn Hospital Laboratories Department**

Microbiologist, Duhok

Training a number of Microbiology Department staff in Burn Hospital Laboratories.

## EDUCATION

### ● 2022 - 2023

#### **PhD Candidate-ERASMUS+ Mobility Programme.**

Università degli Studi della Tuscia, Viterbo-Italy.

Mobility Students.

(Toxic Impacts of Covid-19 in Hospitalized Patients in Duhok Province-Kurdistan Region)

### ● 2020 - Present

#### **PhD Students in Toxicology**

College of Science , University of Duhok

(Toxic Impacts of Covid-19 in Hospitalized Patients in Duhok Province-Kurdistan Region)

### ● 2009 - 2012

#### **MSc in Toxicology**

Hamdard University , New Delhi-India

### ● 2002 - 2006

#### **BSc in Microbiology**

University of Mosul, Mosul-Iraq

## PUBLICATIONS

*Oriental Pharmacy and Experimental Medicine*

### **TERMINALIA ARJUNA BARK EXTRACT INHIBITS HISTOLOGICAL ALTERATIONS BY MITIGATING OXIDATIVE STRESS IN LEAD INTOXICATED MICE**

**Ghazwan A. Mohammed Raouf** | 2013

KeywordsLead.Hepatotoxicity.Nephrotoxicity.Neurotoxicity.Oxidative stress.Terminalia arjuna

*Journal of Duhok University Uod*

### **CHRONIC LIVER DISEASE QUESTIONNAIRE IN DUHOK CITY/KURDISTAN REGION OF IRAQ**

**Ghazwan A. Mohammed** | 2019

The aims of the current study were to review the previous studies on chronic cases related to liver diseases and observe the CLD in Duhok city/Kurdistan Region of Iraq.

*Journal of Biological Research*

### **PREVALENCE OF THYROID DYSFUNCTIONS IN A LARGE, UNSELECTED POPULATION IN DUHOK CITY, IRAQI KURDISTAN: A CROSS-SECTIONAL STUDY**

**MB Burhan Zaman, Suzan Rasool, Saeed Sabri, Ghazwan M. Raouf, Amer Balatay** | 2021

This study aimed to determine the prevalence of Thyroid- Stimulating Hormone (TSH) alterations and different types of thyroid dysfunctions in both sexes with no age limitations from variety of sources in Duhok province.

## ANALYSIS OF HLYA GENE SEQUENCING OF LISTERIA MONOCYTOGENES ISOLATED FROM IRAQI WOMEN WITH RECURRENT MISCARRIAGE

Hiba Hazim Hamid, Kais Kassim Ghaima, Mohammad I Mezaal Atheab, **Ghazwan Ahmed Mohammed**, Ilham A Khalaf, Asan Ali QasimC | 2022

The polymerase chain reaction was used for 16S rRNA and virulence genes (hlyA and inlA). The detection of variations of the hlyA gene sequence was done by using suitable software (MEGA6 and BioEdit). The recurrent miscarriages of women with Listeria monocytogenes infections was 57 (32%) out of 176 aborted women and most aborted women with L. monocytogenes infection had previous abortions within the first trimester.

Under Processing

## EPSTEIN-BARR VIRUS PREVALENCE AMONG RURAL AND URBAN PEOPLE IN DOHUK PROVINCE.

**Ghazwan Ahmed Mohammed Raouf**, Mouad aghali Merza, Burhan Abdulah Zam an, Sherzad Majid Mohammed Taher, Dildar Haji, Moghdad Mosa | 2023

An ongoing research article to be completed and published on DECEMBER 2023

Under Processing

## EVALUATION OF POLY-PHARMACY (MULTI-THERAPY) POTENTIAL IMPACT ON SHARING TARGET MOLECULES USING SWISS TARGET PREDICTION APPLICATION.

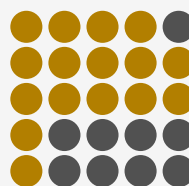
**Ghazwan Ahmed Mohammed Raouf** | 2023

Swiss Target Prediction website will be conducted to evaluate the poly-pharmacy effects and predict the potential impacts of multi-therapy drugs. An ongoing research article to be completed and published on DECEMBER 2023

## SKILLS

### Languages Skills

English  
Kurdish  
Arabic  
Italian  
Hindi



### Medical Laboratory Skills

Medical Lab.  
Technicians



### Computer Skills

Microsoft office  
Operating system  
Internet-Website  
Swiss target  
Prediction  
SPSS



## ACHIEVEMENTS

### Academic jobs achievements

- **Chief of examination committee at Pharmacy College 2012-2017.**
- **Chief of Quality Assurance Unit at Pharmacy College 2014-2020.**
- **Chief of Continuous Academic Development (CAD) at Pharmacy College 2012-2020.**
- **Chief of parallel students committee at Pharmacy College 2015-2020.**
- I covered the Human Biology subjects for first-stage students at the College of Pharmacy (2012-2014).
- I covered Histology subjects for first-stage pharmacy students (2013-2015).
- I covered Human Biology subjects for first-stage students at Health Science College (2012-2014).
- I covered Medical Terminology subjects for first-stage pharmacy students at Ararat institute 2018-2021.
- I covered general toxicology subjects for 3rd stage Health Science students 2015- 2018.
- I covered Clinical Toxicology subjects for 5th-stage pharmacy students 2012 -2023.
- I covered General Toxicology subjects for 4th stage pharmacy students from 2012 -2023.



### **Deputy Dean**

College of Pharmacy from 2018 till now.

## CONFERENCES / COURSES

2023	<b>24TH EUROPEAN TOXICOLOGY AND APPLIED PHARMACOLOGY CONFERENCES, LONDON, UK</b> <i>UK: Conference Series LLC Ltd 35 Ruddlesway, Windsor, Berkshire, SL4 5SF, London, UK</i> <a href="https://europe.toxicologyconferences.com/">https://europe.toxicologyconferences.com/</a>
2022	<b>ENGLISH LANGUAGE COURSE INTERMEDIATE LEVEL</b> <i>English Language Center, University of Duhok</i> Completing Intermediate Level
2020	<b>PCR TRAINING COURSE CENTRAL LABORATORY- DUHOK HEALTH DIRECTORATE 2020.</b> <i>DUHOK HEALTH DIRECTORATE , DUHOK</i> Description of the course.
2020	<b>MOODLE TRAINING COURSE 2020 - E LEARNING DEPARTMENT.</b> <i>PRESIDENCY OF DUHOK UNIVERSITY, DUHOK</i> Improvement of E-Learning Skills
2019	<b>PEDAGOGY COURSES &amp; CERTIFICATIONS</b> <i>University of Duhok, Duhok</i> Constructivist, Collaborative, Integrative, Reflective, and Inquiry-Based learning by learning high skills in the study of teaching and training people, especially in academic contexts, which heavily relies on knowledge from Educational Psychology and explores various aspects,.

2018-2019	<b>QUALITY ASSURANCE TRAINING COURSE</b> <i>University Of Duhok -QA. Department. , Duhok</i> Improvement of QA Skills
2013	<b>HPLC TRAINING COURSE / AZADI HOSPITAL / DUHOK CITY 2013</b> <i>Azadi Teaching Hospital, Duhok</i>
2012	<b>TEACHING METHODOLOGY &amp; CERTIFICATIONS</b> <i>University of Duhok, Duhok</i> Learning how to handle the students more effectively and keep them engaged with their studies. By the end of programme, we learned how to make the student have an understanding of a variety of development, behavioural, and learning theories and be able to describe different methods of effective instruction to cater to individual needs.
2010	<b>PHARMACEUTICAL TOXICOLOGY CONFERENCE-NEW DELHI-INDIA 2010.</b> <i>Hamdard University, New Delhi-India</i>
2010	<b>ENGLISH LANGUAGE COURSE IN BRITISH COUNCIL- NEW DELHI INDIA 2010-2011.</b> <i>British Council, New Delhi-India</i>

## ADDITIONAL ACTIVITIES

### MEMBERSHIPS:

- Field coordinator at Relief International Organization, 2009.
- Civil Society Organizations activities (NGOs) local & international 2004-2010.
- Member of Pharmacy College Council at the University of Duhok from 2014-2023.
- Member of the student's disciplinary & Control Committee from 2015-2023.

### • PRESENT MEMBERSHIPS:

- Member of Biology Syndicate from 2011 till now.
- ⚡ • Member of Kurdistan Lectures Union from 2014 till now.
- Member of the International Federation of Journalists (IFJ) Brussel/Belgium from 2004 till now.
- Member of the Italian Society of Toxicology (SITOX).
- Member of The European Association for Cancer Research.
- Member of the USA Society of Toxicology (SOT).
- Member of the Federation of European Toxicologists and the National Societies of Toxicology (Under processing).
- Member of Kurdistan Journalist's Syndicate from 2004 till now.
- Member of Kurdistan Artists Syndicate from 2005 till now.
- Member of the Iraqi Calligraphers Society from 1998 till now.
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## THANK YOU

"Life is a Gift"